

11/12/01
J1011 U.S. PTO

12-11-01

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Please type a plus sign (+) inside this box [+]

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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J1011 U.S. PTO
10/12/01

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 042390.P12472
(maximum 12 characters)

First Named Inventor Randy B. Osborne

Title: Method and Apparatus for Read Launch Optimizations in Memory Interconnect

Express Mail Label No. EL 672 749 925 US

ADDRESS TO: **Box Patent Application**
Commissioner for Patents
Washington, D. C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original, and a duplicate for fee processing)
2. **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. **Specification (Total Pages 43 - including 9 ADS)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. **Drawings(s) (35 USC 113) (Total Sheets 19)**
5. **Oath or Declaration (Total Pages 5)**
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 18 completed)
 - i. **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. Unsigned.
6. **Application Data Sheet. (37 CFR 1.76)**
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & documents(s))
10. a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
 b. Power of Attorney
11. English Translation Document (if applicable)
12. a. Information Disclosure Statement (IDS)/PTO-1449
 b. Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: Express Mail Certificate of Mailing with copy postcard.

18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP)
Of Prior Application No.: _____ Examiner _____ Group Art Unit _____
(which is a continuation/ divisional/ CIP of prior application no. _____,
which is a continuation/ divisional/ CIP of prior application no. _____) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.

For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that _____ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. _____ Frame No. _____ (or a copy of which is attached).

19. Correspondence Address

Customer Number or Bar Code Label 008791
or
 Correspondence Address Below
(Insert Customer No. or Attach Bar Code Label here)

NAME Alan E. Heimlich

ADDRESS BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Boulevard
Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1030

Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-8383

Name (PRINT/TYPE): Alan E. Heimlich Registration No.: 48,808
Signature: Alan E. Heimlich Date: 11/12/01

FEES TRANSMITTAL FOR FY 2002

TOTAL AMOUNT OF PAYMENT (\$) \$1,718.00

Complete if Known:

Application No. Not yet assigned
Filing Date Herewith (11-12-01)
First Named Inventor Randy B. Osborne
Group Art Unit Not yet assigned
Examiner Name Not yet assigned
Attorney Docket No. 042390.P12472

METHOD OF PAYMENT (check one)

1. [X] The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number _____
Deposit Account Name _____

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

FEE CALCULATION

1. BASIC FILING FEE

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee	Fee	Fee		
Code	(\$)	Code	(\$)		
101	740	201	370	Utility application filing fee	740.00
106	330	206	165	Design application filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional application filing fee	

SUBTOTAL (1) \$ 740.00

2. EXTRA CLAIM FEES

	<u>Extra Claims</u>	<u>below</u>	<u>Fee Paid</u>
Total Claims 37	- 20** = 17	X 18.00	= 306.00
Independent Claims 11	- 3** = 8	X 84.00	= 672.00
Multiple-Dependant		=	

**Or number previously paid, if greater: For Reissues, see below.

<u>Large Entity</u>	<u>Small Entity</u>			
Fee	Fee	Fee	Fee	<u>Fee Description</u>
Code	(\$)	Code	(\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 978.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee	Fee	
Code	(\$)	Code	(\$)
105	130	205	65
127	50	227	25
139	130	139	130
147	2,520	147	2,520
099	8,800	099	8,800
112	920*	112	920*
113	1,840*	113	1,840*
115	110	215	55
116	400	216	200
117	920	217	460
118	1,440	218	720
128	1,960	228	980
119	320	219	160
120	320	220	160
121	280	221	140
138	1,510	138	1,510
140	110	240	55
141	1,280	241	640
142	1,280	242	640
143	460	243	230
144	620	244	310
122	130	122	130
123	50	123	50
126	180	126	180
581	40	581	40
146	740	246	370
			For filing a submission after final rejection (see 37 CFR 1.129(a))
148	110	248	55
149	740	249	370
			For each additional invention to be examined (see 37 CFR 1.129(b))
179	740	279	370
169	900	169	900
			Request for Continued Examination (RCE)
			Request for expedited examination of a design application
195	300	195	300
196	300	196	300
194	130	194	130
098	130	098	130
091	1,280	091	1,280
			Publication fee for early, voluntary, or normal pub.
			Publication fee for republication
			Request for voluntary publication or republication
			Processing fee under 37 CFR 1.17(i) (except provisionals)
			Acceptance of unintentionally delayed claim for priority

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Alan E. Heimlich

Signature: Alan E. Heimlich Date: 11/12/01

Reg. Number: 48,808 Telephone Number: (408) 720-8300

Serial/Patent No: Not yet assigned Filing/Issue Date: Herewith (11/12/2001)

Client: Intel Corporation

Title: Method and Apparatus for Read Launch Optimizations in Memory Interconnect

BSTZ File No.: 042390.P12472

Atty/Secty Initials: JPW/AEH/den

Date Mailed: November 12, 2001

Docket Due Date: ***

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

<input type="checkbox"/> Amendment/Response (____ pgs)	<input checked="" type="checkbox"/> Express Mail No. <u>EL672749925US</u>	<input checked="" type="checkbox"/> Check No <u>46423</u>
<input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate)	<input type="checkbox"/> Month(s) Extension of Time	<input type="checkbox"/> Amt <u>\$1718.00</u>
<input checked="" type="checkbox"/> Application - Utility (<u>43</u> pgs., with cover and abstract)	<input type="checkbox"/> Information Disclosure Statement & PTO-149 (____ pgs)	<input type="checkbox"/> Check No _____
<input type="checkbox"/> Application - Rule 1.53(b) Continuation (____ pgs.)	<input type="checkbox"/> Issue Fee Transmittal	<input type="checkbox"/> Amt' _____
<input type="checkbox"/> Application - Rule 1.53(b) Divisional (____ pgs.)	<input type="checkbox"/> Notice of Appeal	
<input type="checkbox"/> Application - Rule 1.53(b) CIP (____ pgs.)	<input type="checkbox"/> Petition for Extension of Time	
<input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (____ pgs.)	<input type="checkbox"/> Petition for _____	
<input type="checkbox"/> Application - Design (____ pgs.)	<input checked="" type="checkbox"/> Postcard	
<input type="checkbox"/> Application - PCT (____ pgs.)	<input type="checkbox"/> Power of Attorney (____ pgs.)	
<input type="checkbox"/> Application - Provisional (____ pgs.)	<input type="checkbox"/> Preliminary Amendment (____ pgs.)	
<input type="checkbox"/> Assignment and Cover Sheet	<input type="checkbox"/> Reply Brief (____ pgs.)	
<input checked="" type="checkbox"/> Certificate of Mailing Express w/PC	<input type="checkbox"/> Response to Notice of Missing Parts	
<input checked="" type="checkbox"/> Declaration & POA (<u>5</u> pgs.) unsigned	<input type="checkbox"/> Small Entity Declaration for Indep Inventor/Small Business	
<input type="checkbox"/> Disclosure Docs & Org & Cpy of Invents Sgnd Letter (____ pgs)	<input checked="" type="checkbox"/> Transmittal Letter, in duplicate	
<input checked="" type="checkbox"/> Drawings: <u>19</u> # of sheets includes <u>22</u> figures	<input checked="" type="checkbox"/> Fee Transmittal, in duplicate	

Other: _____

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EL 672 749 925 US

Date of Deposit: November 12, 2001

I hereby certify that I am causing this paper or fee, and the documents indicated on the postcard above, to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to: Box Patent Application, Commissioner for Patents, Washington, D. C. 20231

Dianne Neathery
(Typed or printed name of person mailing paper or fee)

Dianne Neathery 11-12-01
(Signature of person mailing paper or fee, and date of signature)